

## **PROJECT DESIGN INFORMATION MEMO - Traffic**

Project Number \_\_\_\_\_

Project Name \_\_\_\_\_

Prepared By \_\_\_\_\_

Date: \_\_\_\_\_

Reviewed By \_\_\_\_\_

Date: \_\_\_\_\_

Last Update By \_\_\_\_\_

Date: \_\_\_\_\_

### **PROJECT SCHEDULE**

PS&E Plan Submittal \_\_\_\_\_

Estimated Construction End Date \_\_\_\_\_

### **PROJECT DESCRIPTION** – Project Scope of Work, Location, and Limits:

- *Project Location and Limits / Specific Beginning and End, Length, General Description Distance to extend project on side streets / Mainline Project Length*
- *Project Scope, Purpose and Need - Objectives to accomplish / Any Specific Requirements*
- *Scope of Work – (Traffic Signals, Street Lighting, Pavement Marking, Signing, ITS, etc.)*

**DESIGN CRITERIA** – City of Lincoln; FHWA; AASHTO; and Nebraska Board of Public Roads Design Standards will govern the design of this project. All ITS elements must also comply with the Southeast Nebraska Regional ITS Architecture.

**City of Lincoln Classification:** *Arterial or Residential*

**TRAFFIC DATA** – Attached is a detailed drawing of each intersection showing lane configurations, existing (*year*) and projected (*year*) peak-hour traffic volumes for all movements including U-turns and existing (*year*) and projected (*year*) percent trucks. These drawings are labeled “*Exhibit Int-X & Int-Y*”.

Through traffic to be accommodated during construction: ☐ Yes ☐ No

If No, Possible Detour Route(s):

Special access issues to be aware of:

Lane closures allowed during peak hours: ☐ Yes ☐ No

If Yes, document approval

### **SIGNALS**

For each signalized intersection, provide the following information as applicable:

- Type of Project: *New Signal or Signal Rebuild*
- Signal Type: *Full Signal, School Signal (Mid-Block), Speed Zone Flasher Only, Emergency Vehicle Entrance, Hazard Warning Beacon, or Other (specify)*
- Auxiliary Features (specify which movements and directions they are required for):  
*Exclusive Turn Phases, School Speed Zone Flashers, Advance Warning Flashers/Signs, Emergency Vehicle Pre-Emption, Railroad Pre-Emption, and/or Variable Message Signs*

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- Displays: *Follow City Standards or Follow City Standards with the Following Exceptions: (describe exceptions)*
- Detection: *Follow City Standards (i.e. Defaults, Video, 3<sup>rd</sup> Car LT, Advance) or Follow City Standards with the Following Exceptions: (describe exceptions); Pedestrian Push Button Directions, Special Detection for Counts or System Detection*
- Communications: *Existing (list type), New Communications (list type), Add Communications to the Following Adjacent Locations (list locations and type), or None Required (Isolated Location)*
- City Furnished Equipment: *Cabinet, Poles (# of Existing and New), Heads (#), Other (Video, Emergency Pre-Empts, Street Name Signs, etc.)*
- Re-Use on Project: *Poles (#), Conduit/Pull Boxes (Undisturbed), Cabinet, Signal Heads, Pre-Emption Devices, Street Name signs and/or Other (specify)*
- Remove & Salvage: *Poles/Arms, Cabinet, Signal Heads, and/or Other (specify)*
- Construction Sequencing: *Temporary Signal Required (yes or no), Detection During Construction (Existing or Temporary – if temporary, list type), and Provisions for Pedestrians*

**LIGHTING** – Street Lighting included on project: ☐ Yes ☐ No  
If Yes, coordinate design with Lincoln Electric System.

**PAVEMENT MARKING** – Pavement Markings included on project: ☐ Yes ☐ No  
If Yes, list type of pavement markings to be used:

**SIGNING** – Signing included on project: ☐ Yes ☐ No

### **INTELLIGENT TRANSPORTATION SYSTEMS (ITS)**

ITS applications, devices or systems included on project: ☐ Yes ☐ No  
If Yes, verify compliance with Southeast Nebraska Regional ITS Architecture and list applications, devices or systems included.

### **ITS ELEMENTS:**

ITEM	LOCATION	INSTALL NOW OR SETUP FOR FUTURE INSTALLATION

### **RIGHT OF WAY**

ROW Acquisition Anticipated: ☐ Yes ☐ No Estimated Number of Tracts \_\_\_\_\_  
Permanent Easements Anticipated: ☐ Yes ☐ No Estimated # of Tracts \_\_\_\_\_ **PE Only**  
Temporary Easements Anticipated: ☐ Yes ☐ No Estimated # of Tracts \_\_\_\_\_ **TE Only**  
Control of Access Required: ☐ Yes ☐ No Estimated Total Tracts \_\_\_\_\_  
Relocations Required: ☐ Yes ☐ No \* Tracts + PE Only + TE Only  
Replacement of Utility Easements^ ☐ Yes ☐ No ^See Stakeholder Checklist for Specifics